

PTO/SB/21 (08-03)

Approved for use through 08/30/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

	Application Number	10/816,436	
	Filing Date	March 31, 2004	
	First Named Inventor	Douglas Piasecki	
	Art Unit	2819	
	Examiner Name	To Be Assigned	
Total Number of Pages in This Submission	18	Attorney Docket Number	CYGL-26,659

ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input checked="" type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Post Card
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input checked="" type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	HOWISON & ARNOTT, L.L.P. Gregory M. Howison, Reg. No. 30,646
Signature	
Date	11/11/04

CERTIFICATE OF TRANSMISSION/MAILING

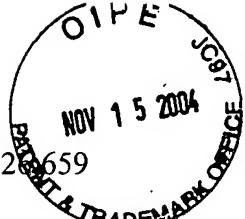
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Gregory M. Howison
Signature	
Date	11/11/04

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

CYGL-26659



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Douglas Piasecki, et al.
Appl. No.: 10/816,436
Filed: March 31, 2004
Grp./A.U.: 2819
Examiner: To Be Assigned
Title: METHOD AND APPARATUS FOR COMBINING OUTPUTS OF
MULTIPLE DACS FOR INCREASED BIT RESOLUTION

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that this correspondence is being deposited with the
United States Postal Service as first class mail in an envelope
addressed to Commissioner for Patents, P.O. Box 1450, Alexandria,
VA 22313-1450 on 11/11/04

(Date of Deposit)

Gregory M. Howison

(Name of Person Mailing Document)

GMH

(Signature)

11/11/04

(Date of Signature)

**SUBMISSION OF MISSING PARTS
OF APPLICATION UNDER 37 C.F.R. 1.53**

Enclosed are the following items for filing in the above-referenced U.S. Patent Application:

1. Copy of PTO Form - Notice to File Missing Parts of Non-Provisional Application;
2. Declaration and Power of Attorney;
3. Assignment Recordation Form Cover Sheet and Assignment; and
4. Four sheets of formal drawings.

Please charge any additional fees or deficiencies in fees or credit any overpayment to Deposit Account No. 20-0780/CYGL-26,659 of HOWISON & ARNOTT, L.L.P.

Respectfully submitted,
HOWISON & ARNOTT, L.L.P.
Attorneys for Applicants

Gregory M. Howison
Registration No. 30,646

GMH:keb
P.O. Box 741715
Dallas, Texas 75374-1715
Tele: 972-479-0462
Fax: 972-479-0464
October 12, 2004



UNITED STATES PATENT AND TRADEMARK OFFICE

NOV 15 2004
SC87
PATENT & TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
www.uspto.gov

F
K
S

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/816,436	03/31/2004	Douglas Piasecki	CYGL-26,659

25883
 HOWISON & ARNOTT, L.L.P.
 P.O. BOX 741715
 DALLAS, TX 75374-1715

CONFIRMATION NO. 9230

FORMALITIES LETTER



OC000000012932459

Date Mailed: 06/14/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted***Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The signature of the following inventor(s) is missing from the oath or declaration:
Kenneth Fernald
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
 - The drawings must be reasonably free from erasures and must be free from alterations, overwriting, interlineations, folds, and copy marks. See Figure(s) 1,12.
 - The drawings must be made on paper that has a white background (see 37 CFR 1.84 (e)). For example, drawings on graph paper, lined paper, or paper that has a non-white background are not acceptable. See Figure(s) 2,4,5,7,9,11,14.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$130** for a Large Entity

- \$130** Late oath or declaration Surcharge.

11/16/2004 RFEKADU1 00000011 10816436

01 FC:1051

130.00 0P

Replies should be mailed to: Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*

Selma Grady

Customer Service Center
Initial Patent Examination Division (703) 308-1202
PART 2 - COPY TO BE RETURNED WITH RESPONSE